INCIDENT NO: 1571105 JIV report S/N: Nº 0000131

(Note: As practicable as possible the JIT report is to be signed in the field by all the participating parties) A. GENERAL INFORMATION: 1. Spill incident Number: 157/105 2. Type of incident* OIL SPILL 3. Name of Location 6" MINIMIA - AHIA BULIS LINE 4. Name of nearest community AKPABU 5. State: RIVERS 6. LGA EMOLGA 7. Type of Production facility/Installation &ULIC LINE 5120C B. INCIDENT INFORMATION: 9. Details of incident a. Date of incident: 714 FEBRUARY, 2016 b. Start date/time of investigation: 9FEBRUARY, 2016 / 12:50 pm c. Investigation End date: 914 FEBRUAR 190/Actual investigation duration, days: ONE (1) DAT d. Description of spill point environment Recently excavated area Loose soil ☐Firm soil ■Swampy Exposed pipe surface ☐ Under water ☐Well Platform (on Water ☐ DrillRig Additional observations around the spill point: OM ARRIVAL AT SITE, THE JUINT INVESTIGATION THAM OBSERVED OIL AND WITTER BUBBLING AT SPELL POINT. FARMLAND PREPARATION (PLOUGHING) WIAS ALSO MOTILED e. Description of leak point (tick as applicable); Tear (☐ Hack saw cut Drilled hole ☐ Well head tampering Inward dent, Complete Rupture ☐ Missing Pipeline/Flowline ☐ Failed Clamp, Failed Weld-on illegal hot tap valve ☐ Saver-pit over flow ☐ Third party tampering with Clamp Crude oil theft (illegal bunkering) point, Third party tampering with flange, ☐ Bulging Outward ☐ Third party tampering with valve setting ☐ Surge vessel overflow, ☐Flare System/Bund wall failure Cold vent Accidental 3rd party equipment impact ☐ Relief valve failure ☐ Valve Failure Others(specify)____ f. Incident caused by: Third party interference (Sabotage□; crude theft□; Line theft□; Accidental 3rd party damage □) Others (including Mystery spills) ☐ Operational

^{*}This can be: a) Oil Spill b) Drilling fluid/Chemical c) Siltation d) construction e) Encroachment f) Fire.

INCIDENT NO: 1571105 JIV report S/N: Nº 0000131 g. Spill point coordinates Was 84 h. Measuring unit Northing: 00 60 TUBS C. RISK ASSESSMENT 10. Type of environment: 12 Land ☐ Shoreline/Waterfront ☐ Swamp ☐ Water ☐ Seasonal swamp Type of environment to which oil has spread: VZ Land □Swamp □Water River (identify) Weather condition ii. □cool Sunny □Wet ■Windy □Hot □Rain 11. Distance from the nearest sensitive habitat Government reserved and designated protected area Drinking water source Built up area **V** Farmlands □ Fish Farm/Pond ☐ Fishing net □ Others (specify). 12. Containment measures put in place; None □Pit Dyke ☑Natural depression Trench Booms Others: 13. Any pictures or video coverage? [N] 14. Further response/repair initiated as at the time of JIV? If yes to item 14, give brief description: RECOVERY ACTIVITIES ONGOING.

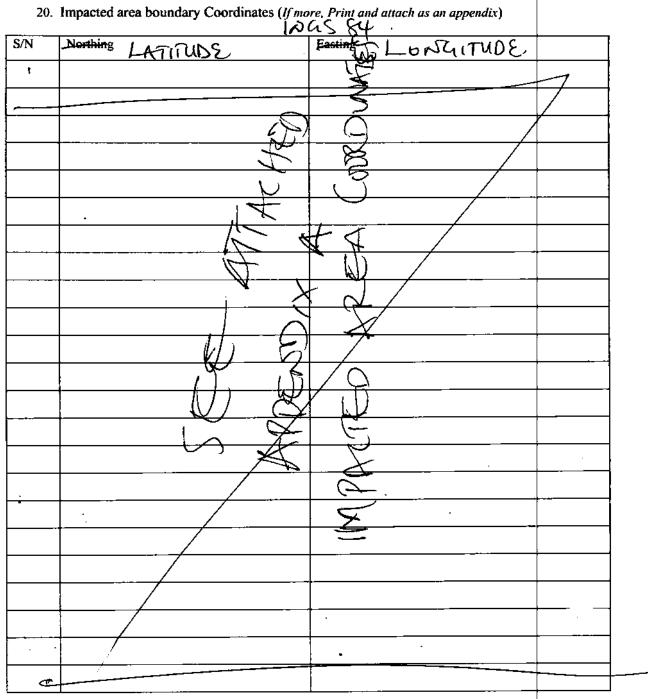
15. Was there any disruption to the investigation?

INCIE	DENT NO: 15	71105	JIV re	port S/N:	i
If yes to item 15 give br	ief description:				
NOT	APPLIC	ABLE			
D. TYPE/NUMBERS 16. Structures / Pro		ANY, FOUND	WITHIN THE	AREA OF SPR	EAD OF OIL
S/N Type of Struct	<u> </u>	Size	Number	Com	nents
NONE	WHITHIM	AREA	OF	IMPn	27
17. Crops/Econom S/N Type of crops	ic Trees Young	Medium	Matured	Quantity	Comments
1 PALM TREE	1 dung		Matureu	40 MOS	IMPACTED
					BY SPILL
18. Fishing Nets/F		. <u> </u>			
S/N Nets/Ponds	Description		Quantity/Size	Comments	
Nont	KITH	IN A	RCA (FIM	nci
19. Others (Specifi	y) i.e. Animal Traps	<u> </u>			
S/N Others	Description		Quantity/Size	Comments	
MONE	12/11/11/1N	ME	# 07		
740191					
E. GRAPHIC DESCR	NPTION OF LEAK I w sketch of the site show	POINT (while d ald be added as a	letail report of th in appendix 1)	ne leak point show	dd be contained in
TION OF 6" M	IMINTA - AH	TA BULL	KEINE	AT AKVA	By SHOWING
Diloni	ENTAL 3RD P	AKI LUK	Alyperemi L	MITTO AT	
	HOLE C	KENTED BY	· LAWIPMI HAMETER)	onh Imipact	• •
6ª D		0			€"
FROM	MININIA	- TO A	 > r#1#7		

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F: TABLE SHOWING SOME OF COORDINATES TAKEN DURING JIV FOR AREA CALCULATION



AP	PENDIX A,INCIDENT NUI	
	IMPACTED AREA COO	
6"	<u>MINI</u> NTA-AHIA BULK LII	NE AT AKPABU
	WGS 84	<u> </u>
POINT	LATITUDE	LONGITUDE
74		6.73795
75		6.73802
76		6.73806
77		6.73822
78		6.73829
79		6.7385
80		6.73842
81		6.7384
82	5.12974	6.73854
83	5.12962	6.73843
84	5.12941	6.73836
85	5.12899	6.73837
86	5.12877	6.73834
87	5.12889	6.73815
88	5.1289	6.73809
89	5.12859	6.7381
90	5.12867	6.73786
91	5.12846	6.73768
92	5.12788	6.73774
93	5.12781	6.73765
94	5.12788	6.7376
95	5.12791	6.73764
96	5.1281	6.73751
97	5.12819	6.73743
98	5.12831	6.73741
99	5.12853	6.73747
100	5.12884	6.7377
101	5.12886	6.7376
102	5.12883	6.73752
103	5.12875	6.7375
104	5.12881	6.73733
105	5.12865	6.73724
106	5.12845	6.73726
107	5.12832	6.73718
108	5.12833	6.73706
109	5.12843	6.73708
110	5.12854	6.73708
111	5.12866	6.73711
112	5.12862	6.73705
113	5.12847	6.73696
114	5.12849	6.73694
115	5.12838	6.73688
116	5.12841	6.73684
117	5.12868	6.73689
118	5.12877	6.73691
119	5.12958	6.73759
120	5.12957	6.73767
121	5.12957	6.73785
122	5.1292	6.73799
***	J.26.JE	0.73733

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G. INCIDENT INFORMATION:	
a. Impacted Area Details	
t att.	
Total calculated area of impact	
• Impact within R.O.W	
Impact outside R.O.W	
b. Volume of oil recovered before completion of JIV (V _{rec.l}):	
Recovered oil V _{rec.l} : 72	Barrels
Controlled recovery/evacuation from source with no impact to environment:	
N/L Barrels	
c. Net Estimated Spilled VolumeV _{Est} (hbls)* =	
1.10.44.50.0.4044.5	
1,134.73 BARRELS	
Estimated Reported Volume** Vreg(bbls)= 1,135 BARRELS.	
*Notes: Volume estimation was done using an excel based tool, (see attached for details on the valculation)	
Reported spilled volume is an estimate Write other relevant notes taken into consideration for estimating the spilled in the box below:	
Calculation of the respective estimated volume is to be done on site as far as practicable using the new spill volume estimation	valinara an vita:
Conversion of m³ to barrels is Volume (m3) x 6.29; **Round up estimated volume to next whole manber using the following ru	
Any spill volume in excess of - I bbl - is rounded up to the next whole number.	
Any spill valume in less than— I bbl — is vaimded up to the next 0.1 bbl.	
Examples: Calculated volume = 15.3 bbl Reported volume = 16 bbl	
Calculated volume = 0.35 bbl Reported volume = 0.4 bbl Calculated volume = 0.01 bbl Reported volume = 0.1 bbl	

Wherever this estimation roof is not applicable please refer to paragraph 6c (Deviations) of the JIV procedure to use appropriate steps for volume estimation; record the calculation in a plain sheet of paper and attach to the JIV report.

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d.	General	Status	of the	site

	i.	Joint investigation of the incident site found that there is no residual impact after the initial retherefore recommend that the site be closed out	sponse a	and JIT
	ii.	Investigation of the incident site showed that there is residual impact on site requiring further	works	10

e. Representatives

This report was filled, agreed and signed by the following joint investigation team representatives:

- Host Community:
- Department of Petroleum Resources [DPR]:
- National Oil Spill Detection and Response Agency [NOSDRA]:
- State Ministry of Environment |SME|:
- Asset Owner:□
- Signatories agree with reported findings:
- Separate DPR form has been filled out with same findings

 ✓

Tick as applicable

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f. Appendix 1: Overview sketch of the site

